



# Safety Data Sheet

## Section 1. Chemical Product and Company Identification

### 1.1. Product Identification

Trade name : STRATA Nano-Cote

### 1.2. Recommended use of the chemical and restrictions on use

Recommended use : Concrete sealer and additive

### 1.3. Details of the supplier of the safety data sheet

Company : Stratacoat Ltd  
76B Bremners Rd  
Ashburton 7700  
Telephone: 021 228 4436

Email : [info@stratacoat.co.nz](mailto:info@stratacoat.co.nz)

### 1.4. Emergency telephone number

Emergency information : Phone Number: +61 (0)2 9975 5602  
CHEMTREC US: 1-800-424-9300,  
CHEMTREC WORLD:1-703-527-3887.  
Call 111 and show SDS


## Section 2. Hazard Identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation 29CFR 1910.1200 and GHS

|                               |             |      |
|-------------------------------|-------------|------|
| Causes Skin irritation        | Category 2  | H315 |
| Causes serious eye irritation | Category 2A | H319 |

### 2.2. Label elements

|                                      |  |
|--------------------------------------|--|
| Symbol(s)                            | :   |
| Signal word                          | : Warning  |
| hazard statement                     | : H315 - Causes skin irritation.<br>H319 - Causes serious eye irritation.  |
| Precautionary Statement (Prevention) | : P264 Wash skin thoroughly after handling.<br>P280 - Wear protective gloves and eye protection.<br>P305 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Precautionary Statement (Response)   | : P337 – if eye irritation persists: get medical advice/ attention<br>P332 - if skin irritation persists: get medical advice/ attention  |
| General Precautionary                | : P102 - Keep out of reach of children   |

### 2.3. Other hazards

None known



### Section 3. Composition, Information on Ingredients

#### 3.1. Substances Classification

| Chemical Name                          | CAS        | Concentration    | Classification |
|--|------------|------------------|----------------|
| Functional poly-siloxanes              | 63148-53-  | 10-20 %          | X ; R65,R36    |
| Organofunctional Silane Coupling Agent | 2943-75-1  | 10-40 %          | X R36/38       |
| Wetting & Dispersing Additive          | 67674-67-3 | 0.1-1 %          | -              |
| Nonionic surfactants                   | 901 6-45-9 | <1 %             | X R36/38       |
| Polyethermodifiziertes Siloxan         | 11138-66-2 | < 3 %            | X              |
| Non hazardous content                  |            | Balance to 100 % | Not applicable |

### Section 4. First Aid Measures

#### 4.1. Description of first aid measures

- General advice : Remove contaminated clothing.
- Inhalation : Supply fresh air; consult doctor in case of complaints.
- Skin contact : Wash off with soap and water.
- Eye contact : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician and show SDS.
- Ingestion : If swallowed, seek medical attention and show SDS.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms : No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.

#### 4.3. Indication of any immediate medical attention and special treatment need

Treat symptomatically.

### Section 5. Fire Fighting Measures

#### 5.1. Extinguishing media

Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.

Unsuitable media : No information

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:

- carbon dioxide, carbon monoxide
- Silicon dioxide

#### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. Cool endangered receptacles with water spray.

### Section 6. Accidental Release Measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

#### 6.2. Environmental precautions

Do not allow to enter drains or waterways  
Do not discharge into the subsoil/soil.

#### 6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, , universal binder) Dispose of absorbed material in accordance with the regulations.



## Section 7. Handling and Storage

### 7.1. Precautions for safe handling

- Advice on safe handling : Ensure adequate ventilation.
- Handling : Wear personal protective equipment if there is a risk of contact with the product ,
- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.  
Remove soiled or soaked clothing
- General protective measures : no data available

### 7.2. Conditions for safe storage, including any incompatibilities

#### Prevention of fire and explosion

Information : No data available

#### Storage

Information : Avoid temperature extremes

Further information on storage conditions : Storage: cool and dry. Temperature below 0 °C and heat above 40 °C must be avoided.  
Keep container tightly closed

## Section 8. Exposure Controls, Personal Protection

8.1. **Exposure control** : No data available. The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### Engineering controls

Appropriate engineering controls : Good general mechanical ventilation should be sufficient.

Do not inhale vapor. Do not eat, smoke or drink while working.

### 8.2. Personal protective equipment

- Eye protection : Safety Goggles
- Hand protection : Chemical resistant gloves
- Body Protection : light protective clothing
- Respiratory protection : If vapor is generated during handling use suitable respiratory protective device in case of insufficient ventilation . In case of intensive or longer exposure use self-contained respiratory protective device.  
Recommended filter device for short term use: P2

## Section 9. Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

|  |   |                                 |                                      |
|--|---|---------------------------------|--------------------------------------|
| Appearance                             | White   | Odor<br>Odor threshold          | Characteristic near odourless<br>N/A |
| PHYSICAL STATE:                        | Liquid  | pH as supplied:                 | ~ 8                                  |
| BOILING POINT F:<br>C:                 | N/A<br>ca. 100 °C   | MELTING POINT F:<br>C:          | N/A                                  |
| VAPOR PRESSURE (mmHg):                 | N/A   | VAPOR DENSITY (AIR = 1):        | N/A                                  |
| VOLATILE ORGANIC COMPOUNDS (VOC):      | 15 g / Liter  | MOLECULAR WEIGHT:<br>VISCOSITY: | N/A                                  |
| DENSITY (H <sub>2</sub> O = 1):        | 0.98 g / cm <sup>3</sup> (20 °C)  | Flashpoint                      | F: > 200<br>C: > 96 °C               |
| Self-igniting:<br>Danger of explosion: | Product is not selfigniting<br>Product does not present an explosion hazard | Water soluble                   | yes                                  |



## Section 10. Stability and Reactivity

### 10.1. Reactivity

Product does not react under normal conditions

### 10.2. Chemical stability

The product is stable under normal conditions

### 10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

### 10.4. Conditions to avoid

Frost

### 10.5. Incompatible materials

Unknown

### 10.6. Hazardous decomposition products

None with proper storage and handling.

## Section 11. Toxicological Information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : no data available

The categorization has been made according to the method of calculation of the Preparations Directive number 1999/45/EC. The product as such has not been tested. According to the producers experiences no hazards other than categorized have to be expected.

#### Additional information

A prolonged and repeated exposure to the product may cause a loss of moisture from the skin and may cause non-allergic skin irritation. Splashes of the product may cause irritations to the eyes.

## Section 12. Ecological Information

### 12.1. Ecotoxicology Assessment

Acute aquatic toxicity : No data available

Chronic aquatic toxicity : This material is not expected to be harmful to aquatic life.

### 12.2. Persistence and degradability

Photo degradation : no data available

Biological degradability : This product is readily biodegradable

### 12.3. Bio accumulative potential

Bioaccumulation : no data available

### 12.4. Other adverse effects

General Information : Prevent from entering sewer or waterway.

## Section 13. Disposal Considerations

### 13.1. Waste treatment methods

Product : In accordance with local authority regulations

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.



### Section 14. Transport Information

**Not dangerous according to transport regulations.**

|      |                               |    |
|------|-------------------------------|----|
| 14.1 | UN number:                    | -- |
| 14.2 | UN proper shipping name:      | -- |
| 14.3 | Transport hazard class        | -- |
| 14.4 | Packing group:                | -- |
| 14.5 | Environmental hazards:        | -- |
| 14.6 | Special precautions for user: | No |

### Section 15. Regulatory Information

|                                     |   |   |
|-------------------------------------|---|---|
| Other regulations                   | : | CTFA: complies  |
| State Right to Know                 | : | No components subject to legislation in the following States: NJ, PA, MA and RI<br>SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.   |
| California Proposition 65 Statement | : | Notification : No<br>This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.   |
| HMS Ratings                         |   | Health: 2<br>Flammability: 0<br>Reactivity: 0<br>Personal Protection: X   |
| <b>Notification status</b>          |   |   |
| USA (TSCA)                          | : | listed/registered or exempted   |
| <b>Other Regulations</b>            |   | AUSTRALIAN INVENTORY (AICS): Listed on inventory.<br>CANADA INVENTORY (DSL): Listed on inventory.<br>CHINA INVENTORY (IECS): Listed on inventory.<br>EC INVENTORY (EINECS/ELINCS): Listed on inventory.<br>JAPAN INVENTORY (ENCS): Listed on inventory.<br>KOREA INVENTORY (ECL): Listed on inventory |

### Section 16. Other Information

**Revision date**

: 26.May.2016

**To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**